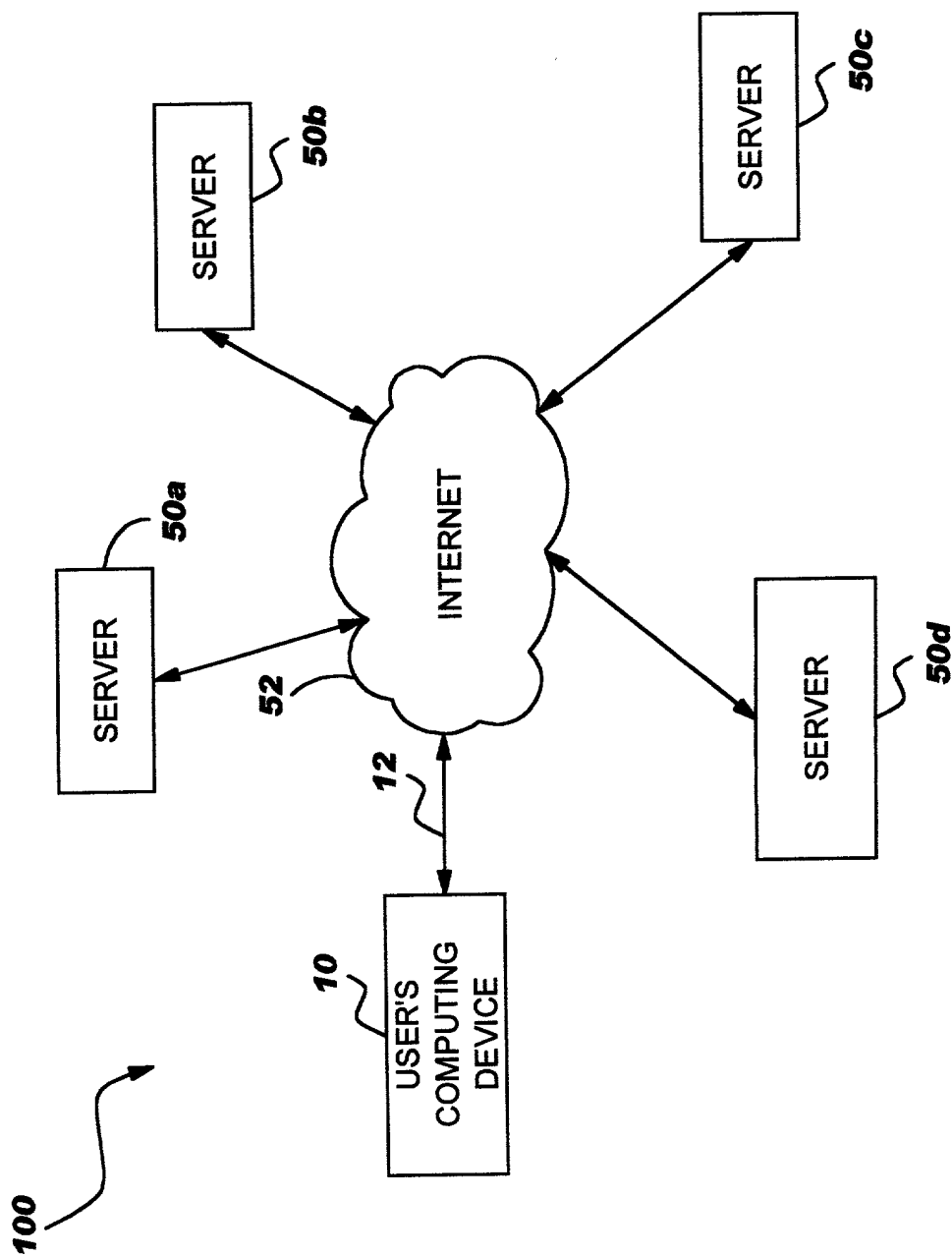


FIG. 1



20050854000

FIG. 2

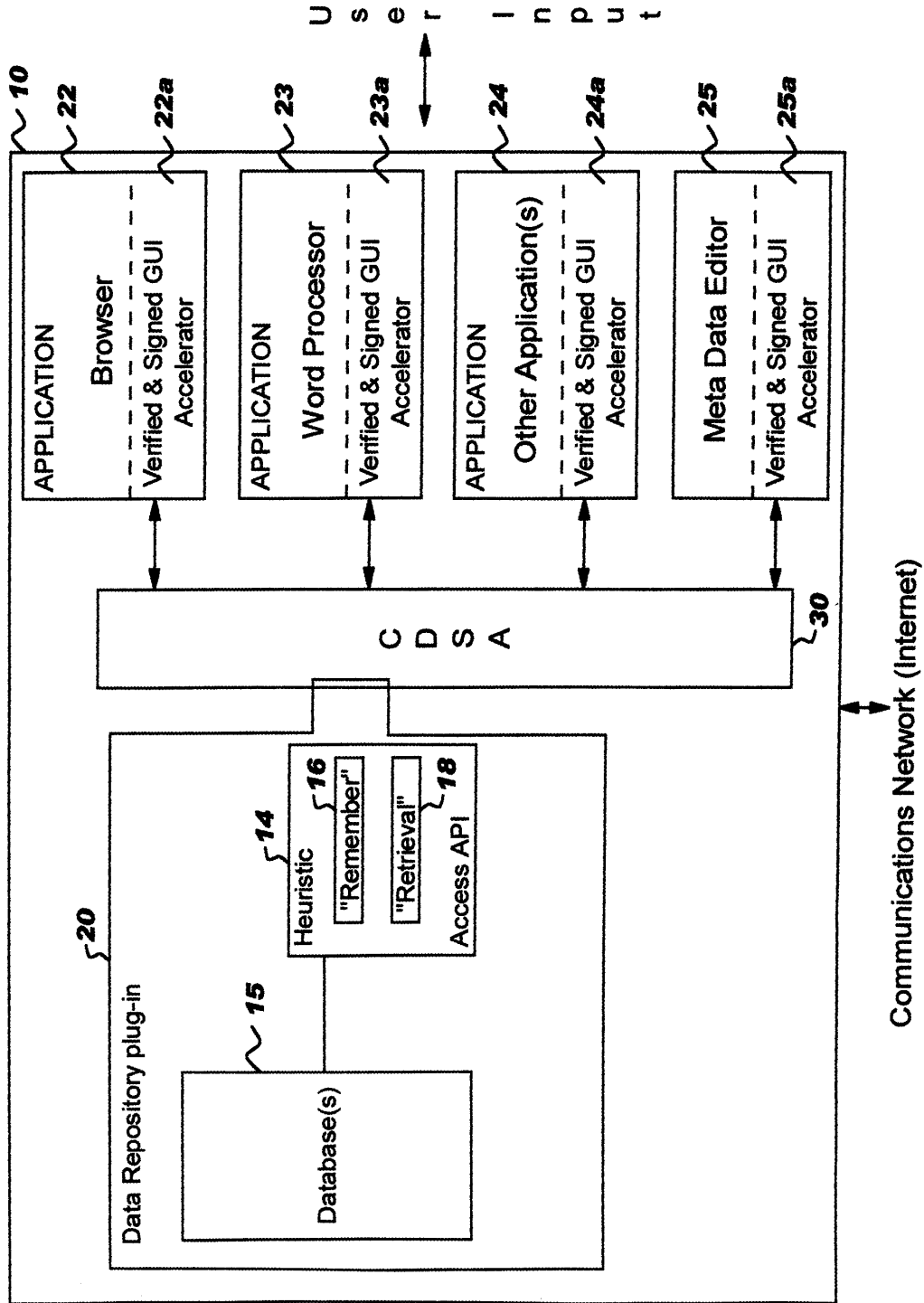


FIG. 3A

http://www.ibm.com

CUSTOMER INFORMATION

User ID **41**

Pass Code **42**

43

⋮

40

FIG. 3B

44 ~ (V, MPeters)
(fieldname, euser)
(descript, User ID)
45 { (form, customerinfo)
(URL, <http://www.ibm.com>)
(RefURL, <http://www.ibm.product.com>)
(role, manager) }

Meta Data Group A

46 ~ (V, 123)
(fieldname, verification)
(descript, Pass Code)
47 { (form, customerinfo)
(URL, <http://www.ibm.com>)
(RefURL, <http://www.ibm.product.com>)
(role, manager) }

Meta Data Group B

⋮

FIG. 4

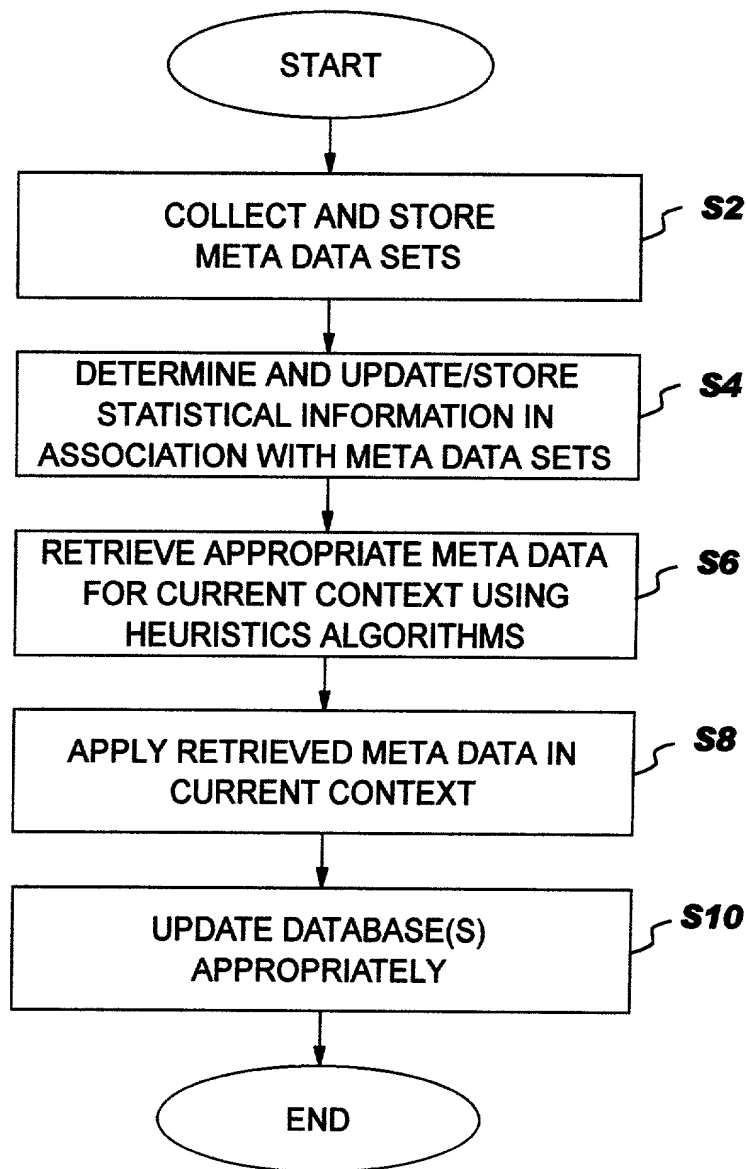


FIG. 5

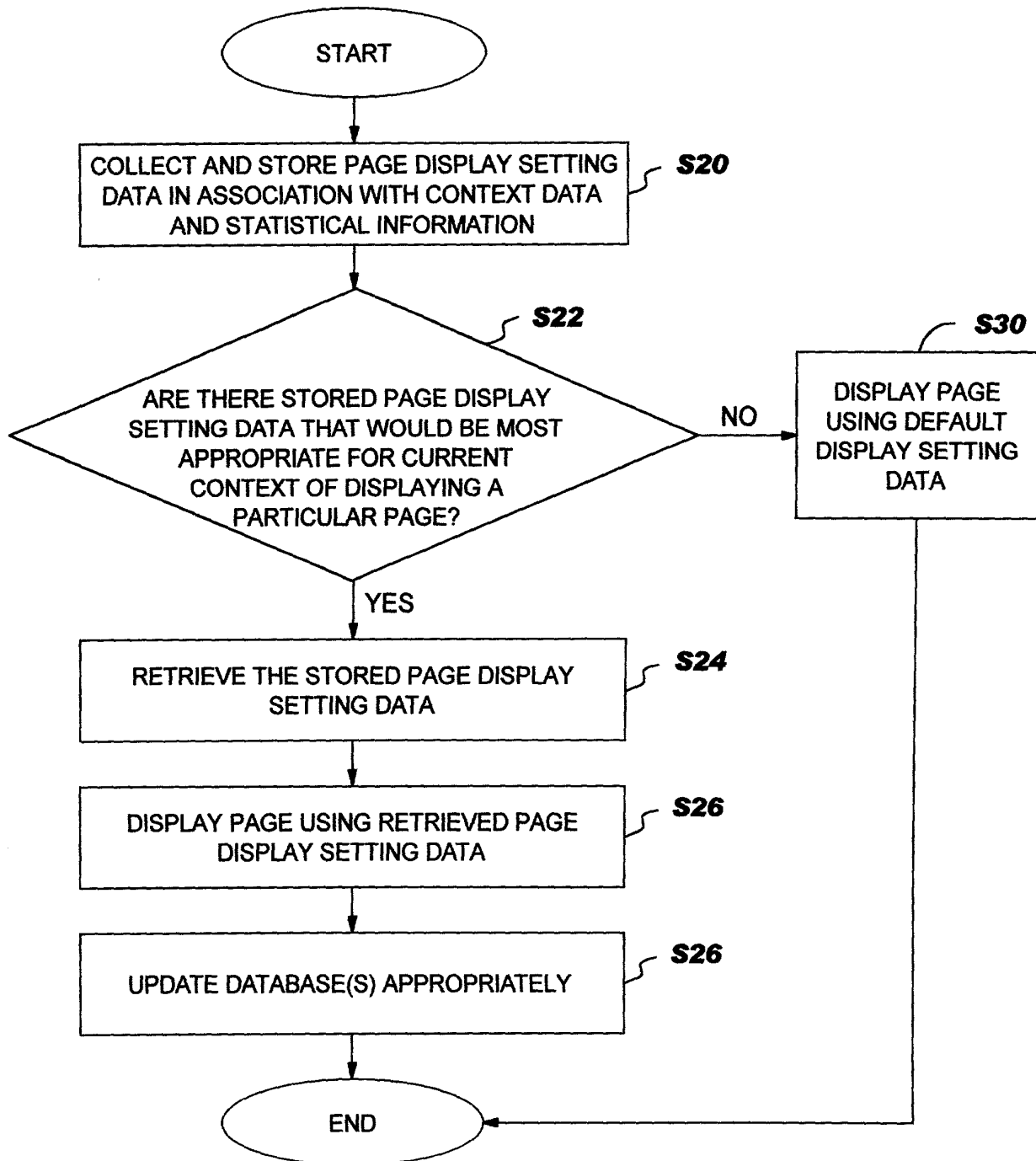


FIG. 6

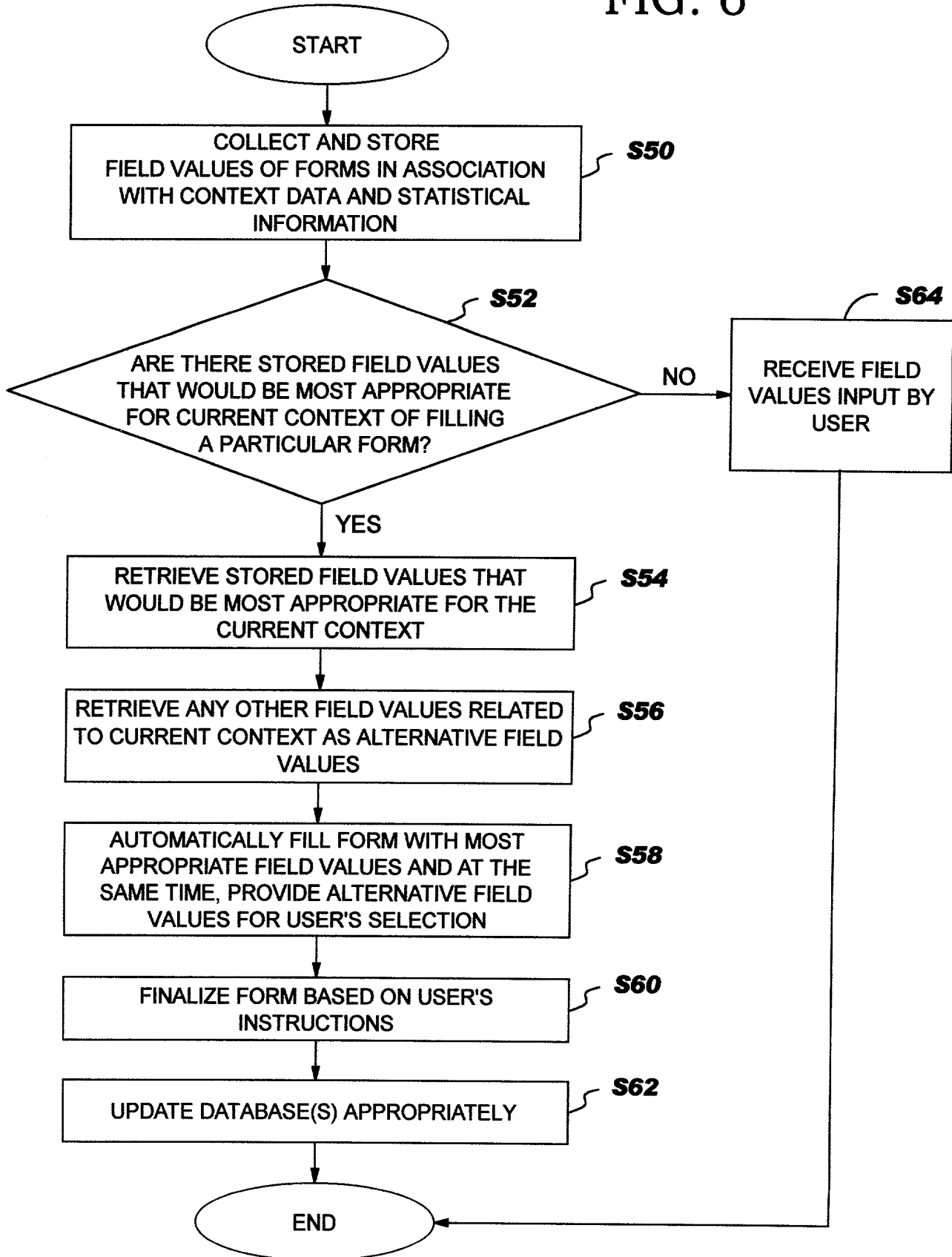


FIG. 7

